

## PCT

10/536758

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>J00/Total Catcher</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/NO 2003/000390</b>	International filing date ( <i>day/month/year</i> ) <b>20 November 2003</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>20 November 2002</b>
Applicant <b>Total Cather Offshore AS et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP003/000390

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F42C 5/00, E21B 43/1185

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: E21B, F42C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4862964 A (F.R. GEORGE ET AL), 5 Sept 1989 (05.09.1989) --	1-17
No A	US 4886127 A (T.D. RICLES ET AL), 12 December 1989 (12.12.1989) --	1-17
No A	US 5632348 A (M.E. YUNAN), 27 May 1997 (27.05.1997) --	1-17
No A	US 5680905 A (R.R. GREEN ET AL), 28 October 1997 (28.10.1997) --	1-17

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

17-11-2004

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055. S-102 42 STOCKHOLM

Authorized officer

Linda Ödman / MDA

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/N 003/000390

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	US 20040118562 A1 (F.R. GEORGE), 24 June 2004 (24.06.2004)  -- -----	1-17

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## INTERNATIONAL SEARCH REPORT

Information on  family members

30/10/2004

International application No.

PCT/N  003/000390

US	4862964	A	05/09/1989	AU	607205	B	28/02/1991
				AU	1458388	A	20/10/1988
				CA	1303970	A,C	23/06/1992
				DE	3872296	A,T	30/07/1992
				EP	0288238	A,B	26/10/1988
				NO	881683	A	21/10/1988
				SG	101292	G	04/12/1992
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US	4886127	A	12/12/1989	CA	2001347	A	23/05/1990
				GB	2225417	A,B	30/05/1990
				GB	8925948	D	00/00/0000
				NO	894641	A	25/05/1990
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US	5632348	A	27/05/1997	AU	5356594	A	01/05/1995
				CA	2150377	A,C	28/04/1994
				CA	2172046	A,C	13/04/1995
				GB	2299851	A,B	16/10/1996
				GB	9606119	D	00/00/0000
				WO	9509969	A	13/04/1995
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US	5680905	A	28/10/1997	CA	2166600	A	05/07/1996
				EP	0721051	A,B	10/07/1996
				NO	312213	B	08/04/2002
				NO	960024	A	05/07/1996
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US	20040118562	A1	24/06/2004	GB	0329489	D	00/00/0000
				GB	2398366	A	18/08/2004
				NO	20035666	D	00/00/0000

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